

FIG. 1

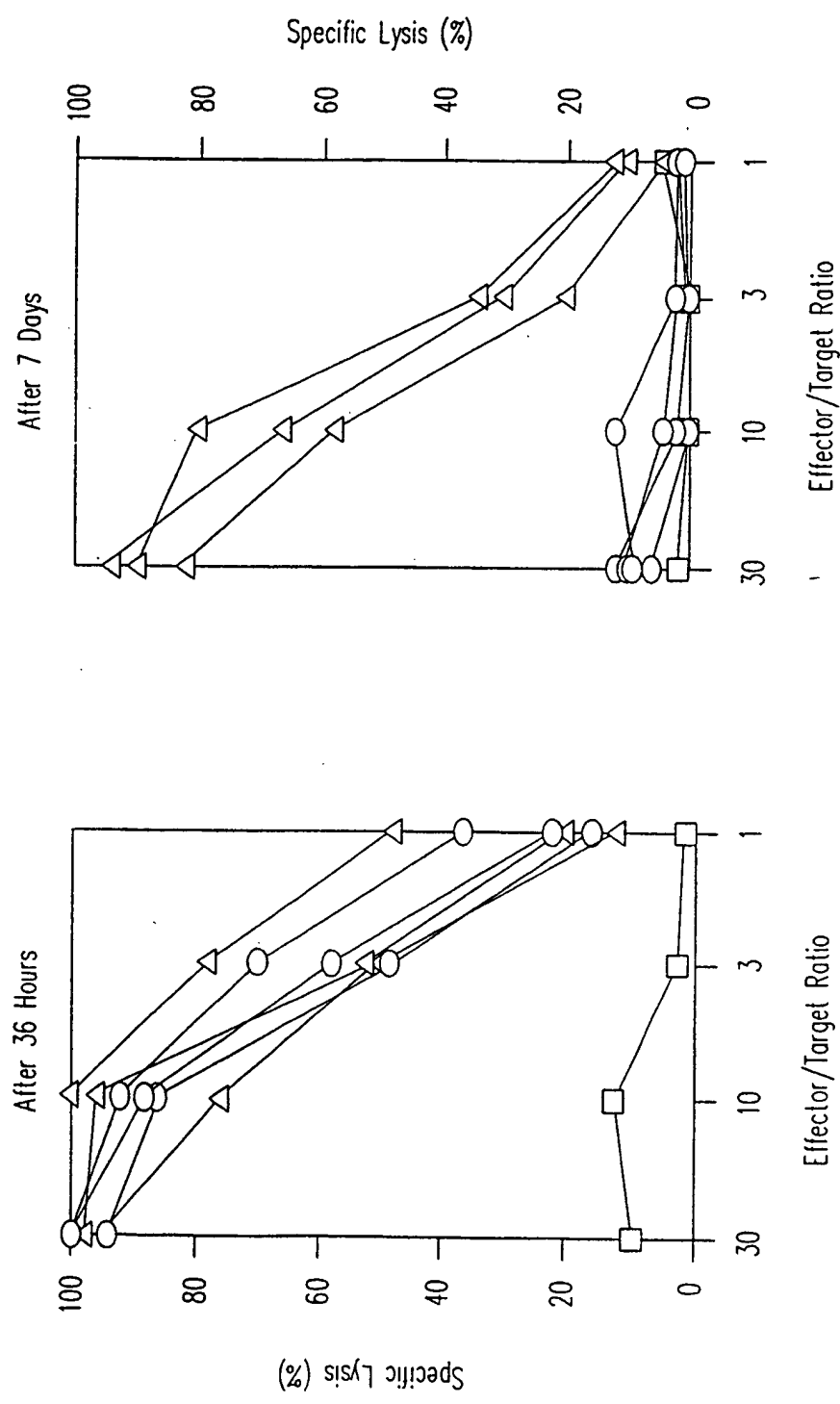


FIG. 2A

FIG. 2B

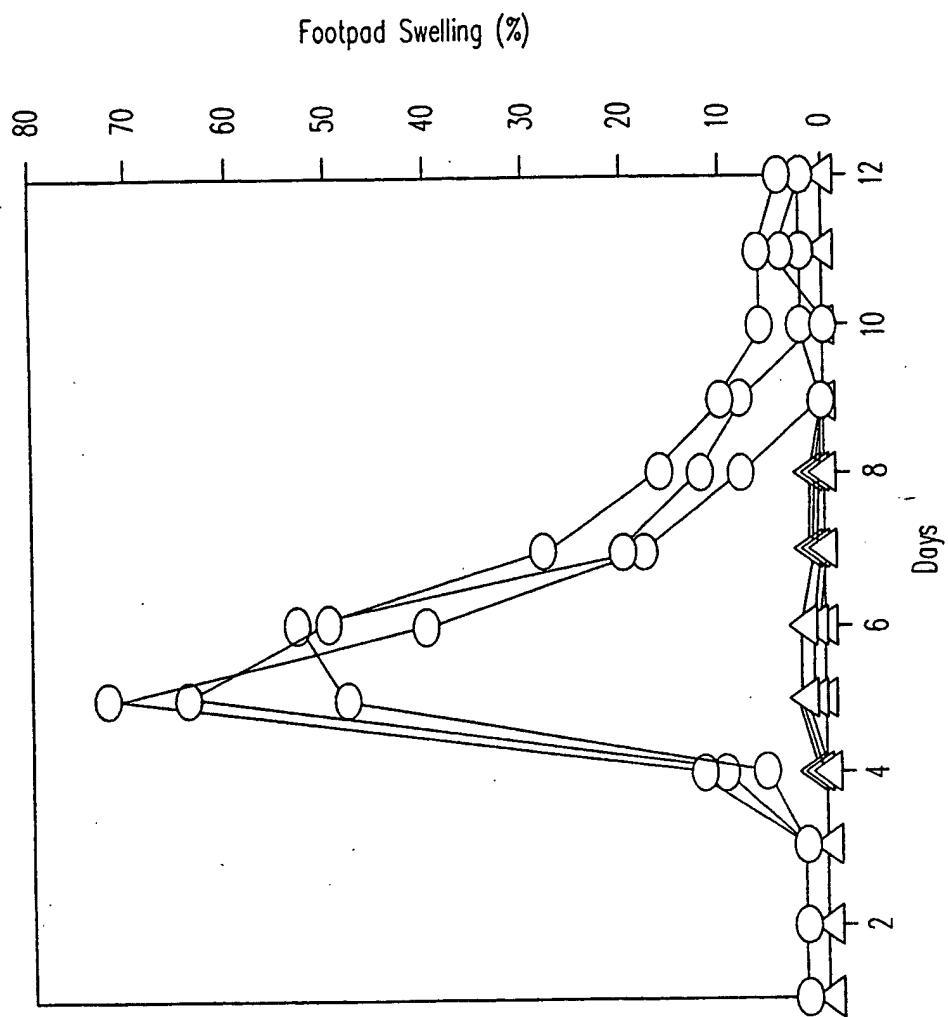
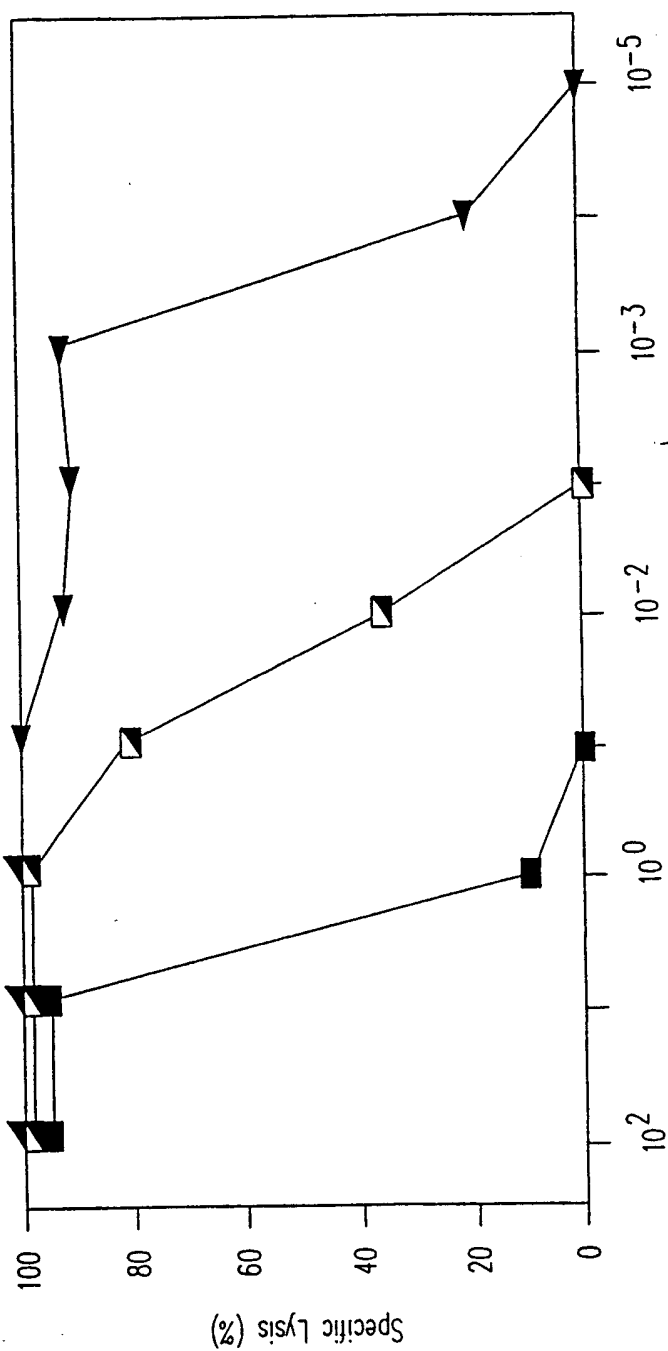
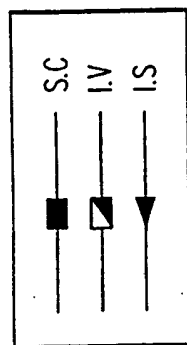
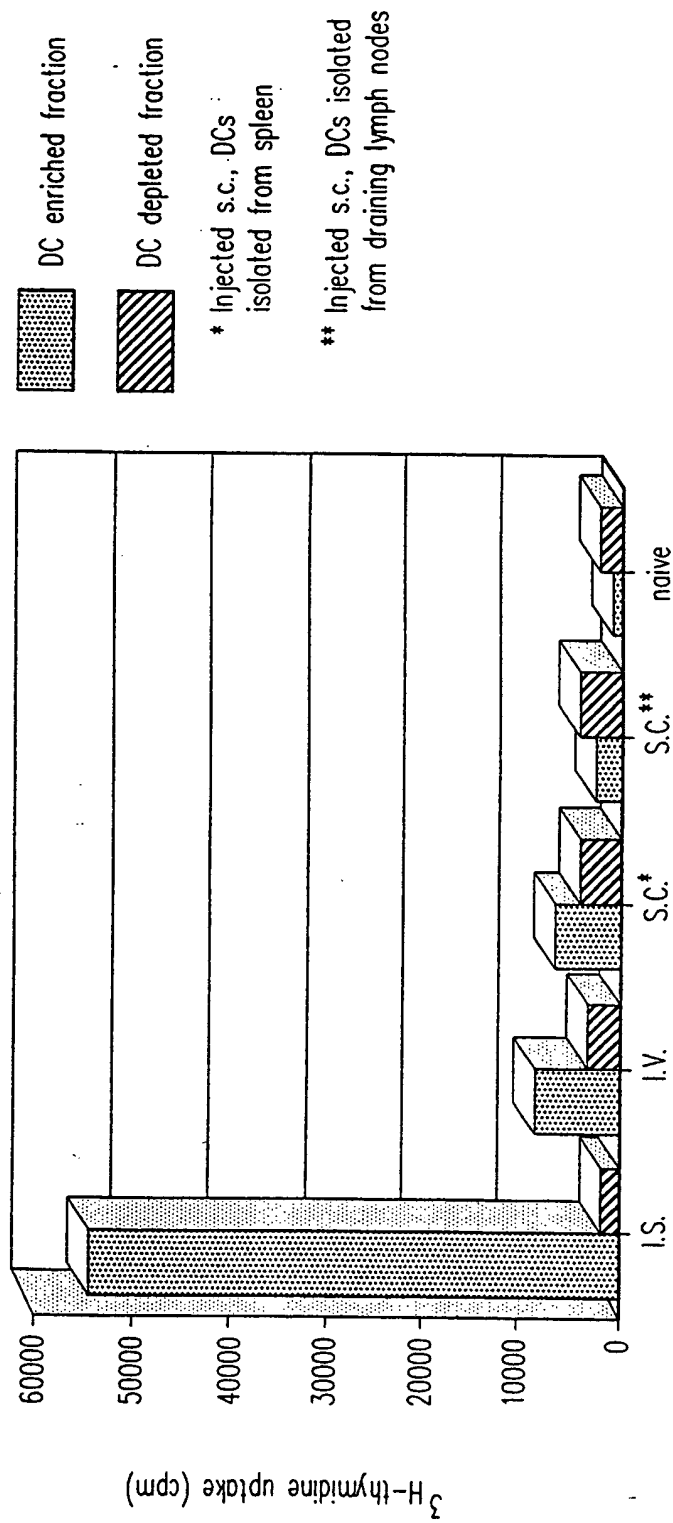


FIG. 2C



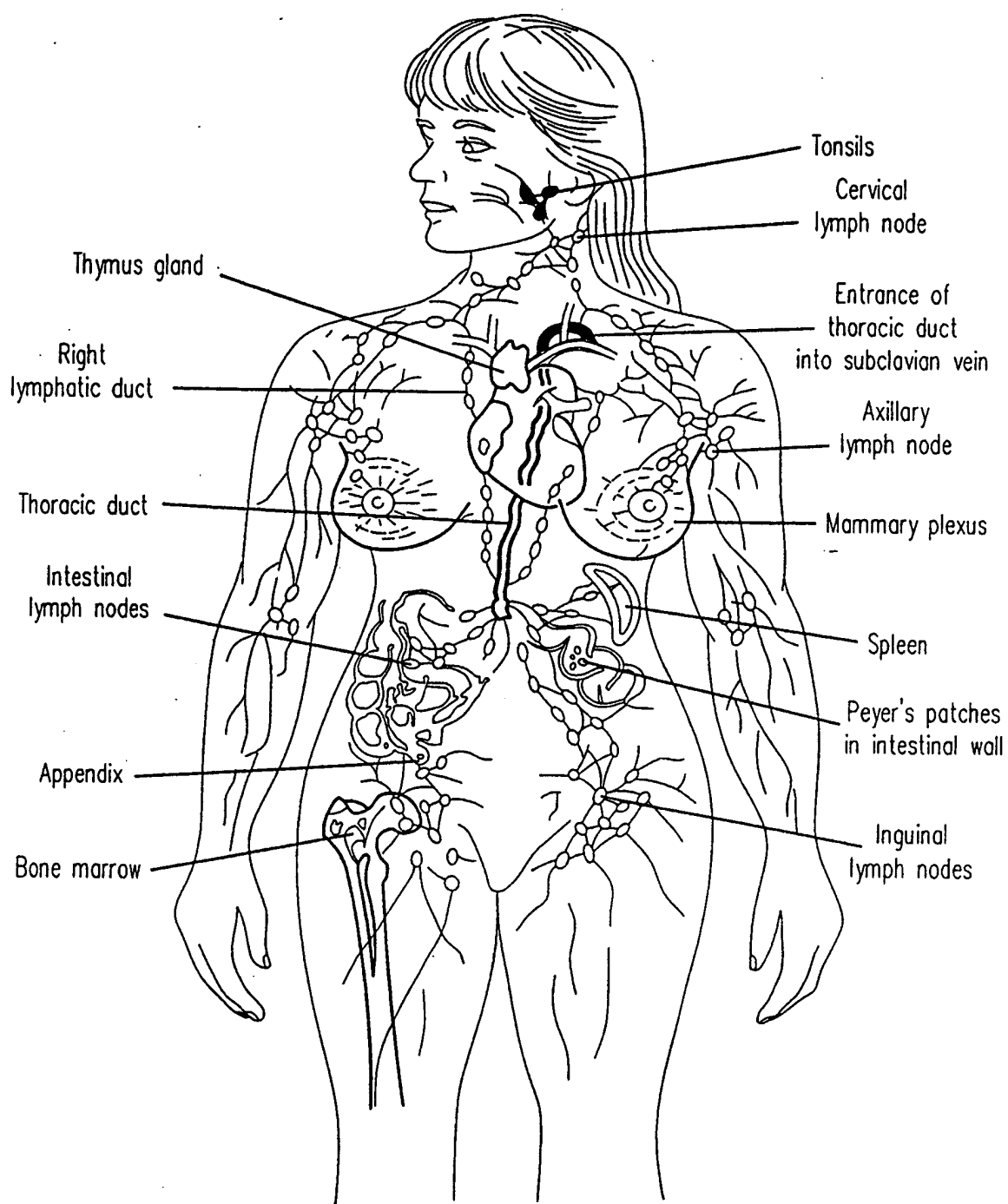
Peptide Dose Injected (micrograms)

FIG. 3

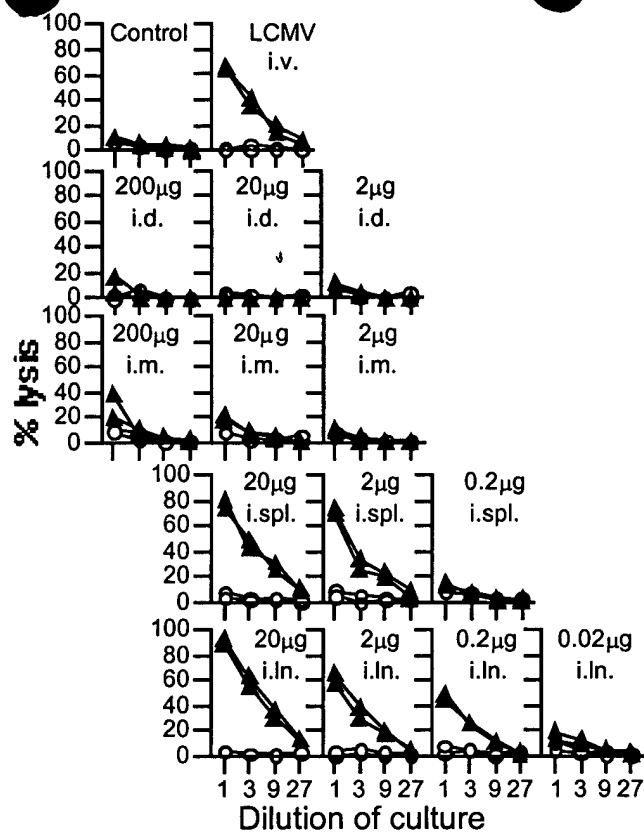


Route of Delivery

FIG. 4

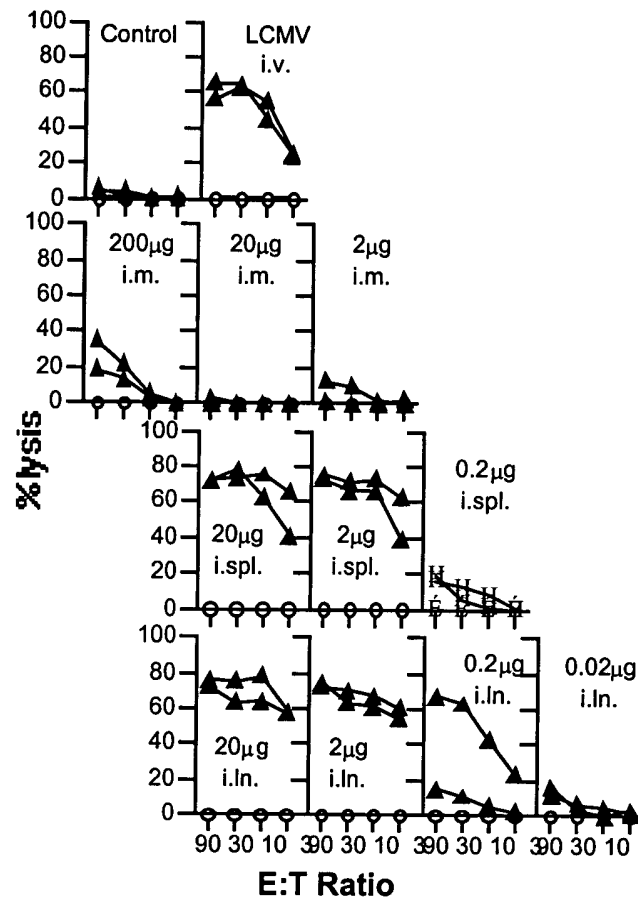


**FIG. 5**



**Figure 6.**

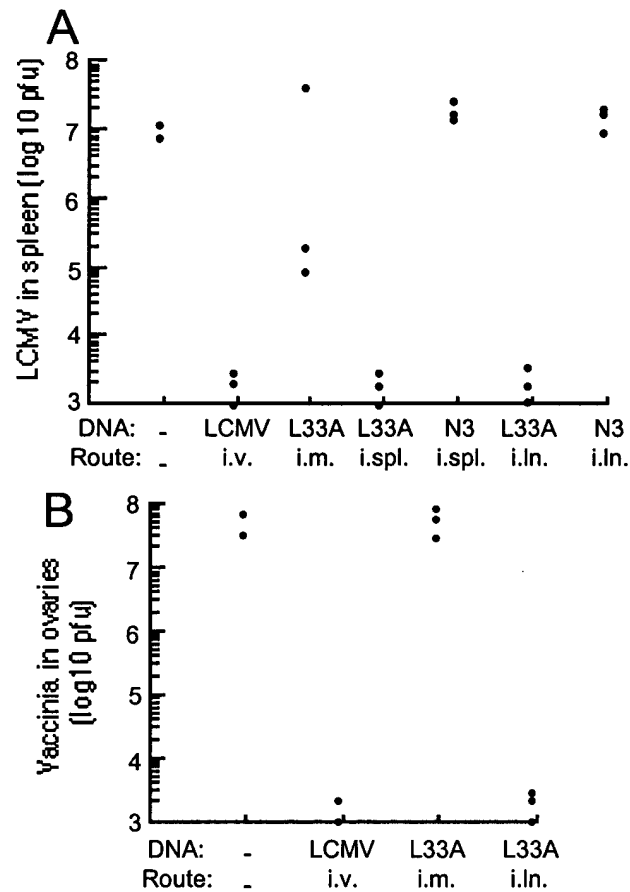
Graphs show lysis of unpulsed EL4 cells (open circles) and EL4 cells pulsed with gp33 peptide (solid triangles). Symbols represent individual mice.



**Figure 7.**

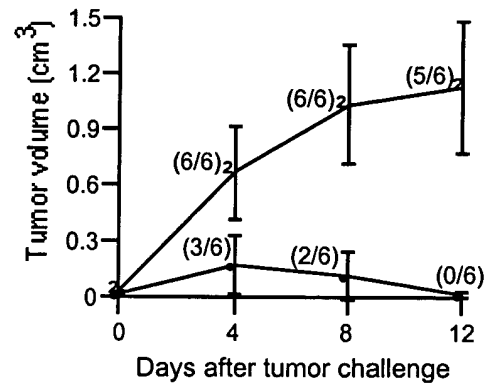
Graphs show lysis of unpulsed EL4 cells (open circles) and EL4 cells pulsed with gp33 peptide (solid triangles). Symbols represent individual mice.





**Figure 8.**

Graphs show systemic LCMV titers (A), and vaccinia titers in ovaries (B). Symbols represent individual mice.



**Figure 9.**

Mean tumor volumes  $\pm 1SD$  are shown for mice immunized with pEFGPL33A DNA (solid circles) or control pEGFP-N3 DNA (open triangles). Numbers in brackets indicate number of mice with tumors / total number of mice in group.

Figure 10.

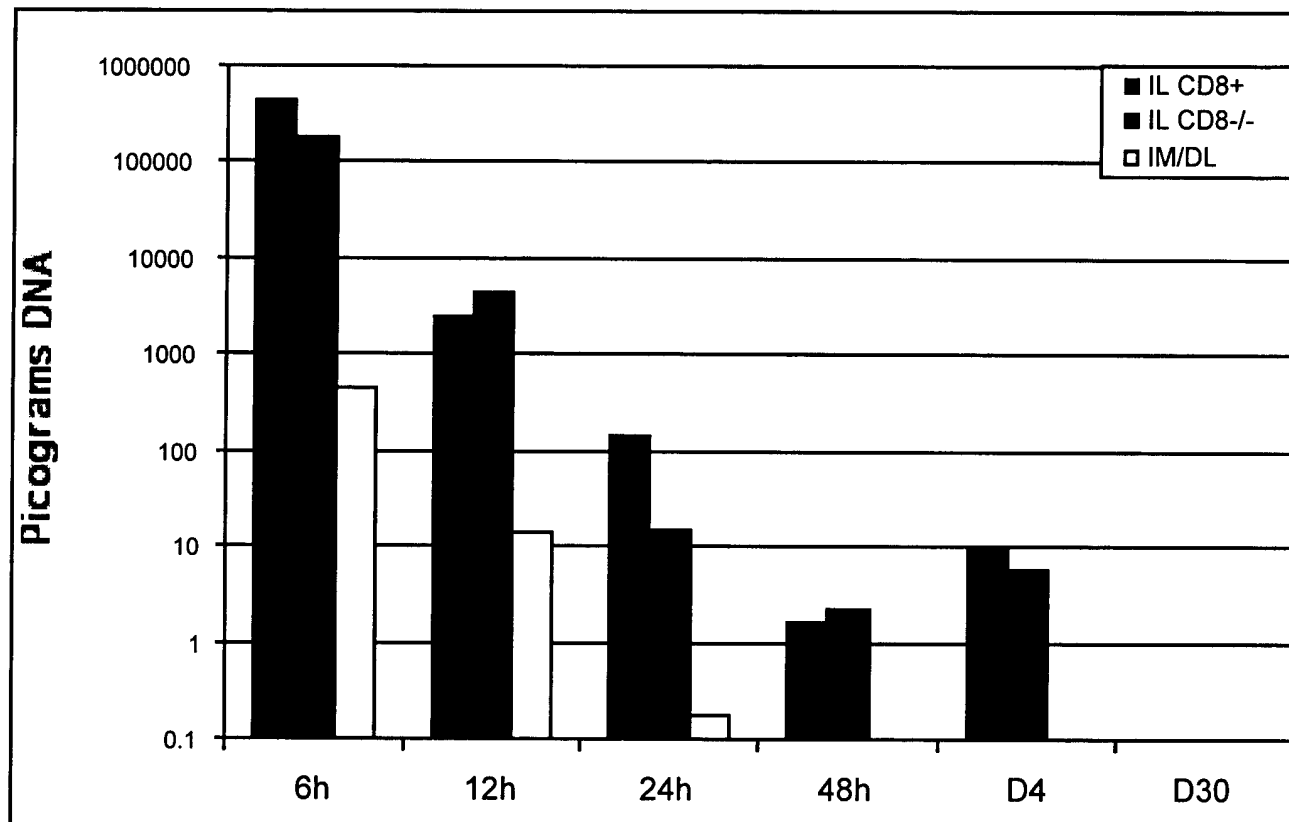
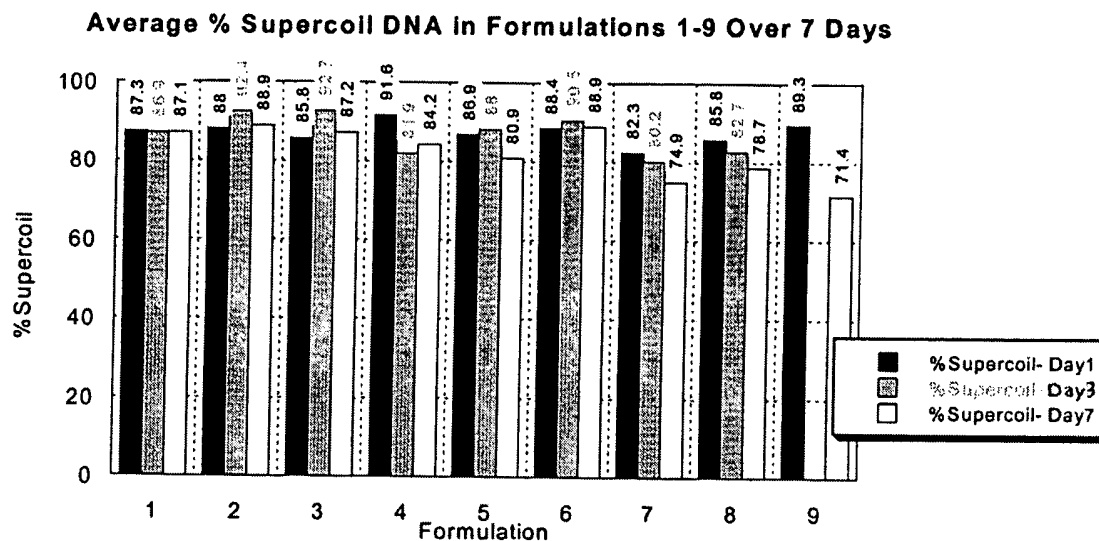


Figure 11.



**Formulations**

1. 10% Ethanol, 0.25mM EDTA, Citrate Phosphate pH 7.6
2. 10% Ethanol, 0.25mM EDTA, Citrate Phosphate pH 7.4
3. 1% Ethanol, 0.5mM EDTA, Citrate Phosphate pH 7.4
4. 1% Ethanol, 0.5mM EDTA, 1X PBS pH 7.4
5. 0.5% Benzyl Alcohol, 0.25mM EDTA, Citrate Phosphate pH 7.6
6. 1% Benzyl Alcohol, 1% Ethanol, 0.5mM EDTA, Citrate Phosphate pH 7.6
7. 1% Benzyl Alcohol, 1% Ethanol, 0.5mM EDTA, 0.1M TRIS pH 7.4
8. 1% Benzyl Alcohol, 1% Ethanol, 0.5mM EDTA, 0.1M TRIS pH 8.2
9. 1% Benzyl Alcohol, 1X PBS pH 8.2